



Jfw/11614

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	Confirmation No.: 5550
	)	
Satomi MIYATA et al	)	Art Unit: 1614
	)	
I.A. Filing Date: 10/04/2003	)	Examiner:
371(c) Date: April 7, 2006	)	
	)	March 20, 2007
U.S. Appln. No.: 10/574,934	)	
	)	ATTY.'S DOCKET: MIYATA=6
For: AGENT FOR ENHANCING THE	)	
PRODUCTION OF COLLAGEN...	)	

**INFORMATION DISCLOSURE STATEMENT [IDS]**

Customer Service Window, Mail Stop Amendment  
Honorable Commissioner for Patents  
U.S. Patent and Trademark Office  
Randolph Building  
401 Dulany Street  
Alexandria, Virginia 22314

Sir:

This Information Disclosure Statement is submitted in accordance with 37 CFR §§1.97, 1.98, and it is requested that the information set forth in this statement and in the listed documents be considered during the pendency of the above-identified application, and any other application relying on the filing date of the above-identified application or cross-referencing it as a related application.

1. This IDS should be considered, in accordance with 37 CFR §1.97, as it is filed before the mailing date of a first office action on the merits.

2. In accordance with 37 CFR §1.98, this IDS includes a list (e.g., form BN/SB/08A/B) of all patents, publications, or other information submitted for consideration by the office, either incorporated into this IDS or as an attachment hereto. Other than U.S. patent(s) and/or published U.S. application(s), which 37 CFR §1.98(a)(2)(ii) does not require to be filed unless specifically required by the Office, a copy of each document listed is attached.

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3. Documents are not in the English language. In accordance with 37 CFR §1.98(a)(3), Applicant states:

[XX] An English translation of each documents AC, AD, AF, AG, AH, AI, AJ, AK, AL, AM, AN, AP AQ and AR (or of the pertinent portions thereof), or a copy of an English-language abstract is enclosed.

[XX] A concise explanation of the relevance of document(s) AB AC AE AI AN and AO can be found on pages 1, 11, 13 and 18 of the specification.

4. No explanation of relevance is necessary for documents in the English language (see reply to Comments 67 and 68 in the preamble to the final rules; 1135 OG 13 at 20).

5. Other information being provided for the examiner's consideration follows:

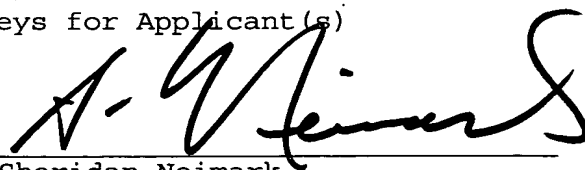
***International Search Report mailed December 21, 2004.***

6. In accordance with 37 CFR §§1.97(g) and (h), the filing of this IDS should not be construed as a representation that a search has been made or that information cited is, or is considered to be, material to patentability as defined in 37 CFR §1.56(b), or that any cited document listed or attached is (or constitutes) prior art. Unless otherwise indicated, the date of publication indicated for an item is taken from the face of the item and Applicant reserves the right to prove that the date of publication is in fact different.

Respectfully submitted,

BROWDY AND NEIMARK  
Attorneys for Applicant(s)

By:

  
Sheridan Neimark  
Registration No. 20,520

SN:kg  
624 Ninth Street, N.W., Suite 300  
Washington, D.C. 20001-5303  
Telephone: (202) 628-5197  
Facsimile: (202) 737-3528  
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BN/SB/08A/B

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1

of

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**Complete if Known**

Application Number	10/5744,934
I.A. Filing Date	October 4, 2003
Filing Date	April 7, 2006
First Named Inventor	Satomi MIYATA et al
Group Art Unit	1614
Examiner Name	
Attorney Docket Number	MIYATA=6

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA	US-2005/0048128 A1	03-03-2005	MIYATA et al	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	AB	EP	1 438 964 A1	07-21-2004	KABUSHIKI KAISHA HYASHIBARA SEIBUTSU KAGAKU KENKYUJO		
	AC	JP	2003-171290	06-17-2003	HAYASHIBARA BIOCHEM LAB		
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	AE	EP	1 256 349 A1	11-13-2002	KABUSHIKI KAISHA HYASHIBARA SEIBUTSU KAGAKU KENKYUJO		
	AF	WO	0160388	08-23-2001	HAYASHIBARA BIOCHEM LAB (JP); MIYAKE TOSHIO (JP)		
	AG	JP	2002-284666	10-03-2002	NIPPON HYPOX LAB INC		
	AH	JP	2000-136109	05-16-2000	L'OREAL SA		
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	AJ	JP	10-147514	06-02-1998	POLA CHEM IND INC		
	AK	JP	10-120561	05-12-1998	DOKUTAAZU KOSUMETEIKUSU:KK POLA CHEM IND INC		
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	AO	EP	0 600 730 A1	06-08-1994	KABUSHIKI KAISHA HYASHIBARA SEIBUTSU KAGAKU KENKYUJO		
	AP	JP	05-320060	12-03-1993	SATOU NORIMASA TAKAGI YOSHIAKI		
	AQ	JP	04-200358	07-21-1992	BAISTSUKUSU:KK		
	AR	JP	04-182413	06-03-1992	HAYASHIBARA BIOCHEM LAB INC YAMAMOTO ITARU		
	AS	JP	03-161416	07-11-1991	KANEBO LTD		

Examiner  
SignatureDate  
Considered

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.